L Number	Hits	Search Text	DB	Time stamp
1	2	6063705.pn.	USPAT; EPO; JPO;	2004/07/06 19:17
2	2	5372849.pn.	DERWENT USPAT; EPO; JPO;	2004/07/06 19:17
-	5706	semiconductor and precursor and reduc\$3 and metal	DERWENT USPAT; EPO; JPO;	2004/07/06
-	2588	(semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium	DERWENT USPAT; EPO; JPO;	2002/03/22 09:36
-	1296	cobalt palladium platinum nickel) ((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and	DERWENT USPAT; EPO; JPO; DERWENT	2002/03/22 09:37
-	985	oxidi\$6 (((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidi\$6) and (titanium or	USPAT; EPO; JPO; DERWENT	2002/03/22
_	292	tantalum or tungsten) ((((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidi\$6) and (titanium or tantalum or tungsten)) and capacitor	USPAT; EPO; JPO; DERWENT	2002/03/22
_	216		USPAT; EPO; JPO; DERWENT	2002/03/22
-	136		USPAT; EPO; JPO; DERWENT	2002/03/22 09:58
-	108	<pre>(((((((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidi\$6) and (titanium or tantalum or tungsten)) and capacitor) and (metallo-organic or organic)) and carbon) and electrode</pre>	USPAT; EPO; JPO; DERWENT	2002/03/22 09:59
-	686	(metal\$2 adj organic) with precursor\$1	USPAT; JPO; DERWENT	2002/05/08 08:58
-	730	(metal\$2 adj organic) with precursor\$1	USPAT; EPO; JPO; DERWENT	2002/05/08 08:58
-	8627	reduc\$3 near3 (atmoshere or ambient)	USPAT; EPO; JPO; DERWENT	2002/05/08
_	45030	reduc\$3 near3 (atmosphere or ambient)	USPAT; EPO; JPO; DERWENT	2002/05/08
-	7	<pre>same (reduc\$3 near3 (atmosphere or ambient))</pre>	USPAT; EPO; JPO; DERWENT	2002/05/08 09:09
	142	438/686.ccls.	USPAT; EPO; JPO; DERWENT	2002/05/08
	3		USPAT; EPO; JPO; DERWENT	2002/05/08
	1880	reduc\$3 and (metal\$2 adj organic) and precursor	USPAT; EPO; JPO; DERWENT	2004/03/11 15:02

-	12	438/686.ccls. and (reduc\$3 and (metal\$2 adj organic) and precursor)	USPAT; EPO; JPO; DERWENT	2002/05/08 09:27
-	30248	(reduc\$3 or ammonia or nh3) and ((metal\$2 adj organic) or organometallic or	USPAT; EPO; JPO;	2002/05/08
-	6892	metallo-organic) (reduc\$3 or ammonia or nh3) same ((metal\$2 adj organic) or organometallic	DERWENT USPAT; EPO; JPO;	2002/05/08
_	4008	or metallo-organic) ((reduc\$3 or ammonia or nh3) same	DERWENT USPAT;	2002/05/08
		((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)	EPO; JPO; DERWENT	11:03
-	1768	(((reduc\$3 or ammonia or nh3) same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or	USPAT; EPO; JPO; DERWENT	2002/05/08
	3	cobalt or palladium or nickel) 438/686.ccls. and ((((reduc\$3 or ammonia or nh3) same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel))	USPAT; EPO; JPO; DERWENT	2003/03/26 12:01
-	104491	438/\$3.ccls.	USPAT; EPO; JPO; DERWENT	2002/05/08
-	56	((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel)) and	USPAT; EPO; JPO; DERWENT	2002/05/08
-	33	438/\$3.ccls. "5178911"	USPAT; JPO; DERWENT	2002/05/08 14:56
_	548	mocvd with (reduc\$3 or h2 or hydrogen or nh3 or ammonia)	USPAT; JPO; DERWENT	2002/05/08 14:34
-	144	438/\$3.ccls. and (mocvd with (reduc\$3 or h2 or hydrogen or nh3 or ammonia))	USPAT; JPO; DERWENT	2002/05/08 14:36
_	13	(438/\$3.ccls. and (mocvd with (reduc\$3 or h2 or hydrogen or nh3 or ammonia))) and (refractory or noble)	USPAT; JPO; DERWENT	2002/05/08 14:47
_	27	, · · · · · · · · · · · · · · · · · · ·	USPAT; JPO; DERWENT	2002/05/08 14:47
_	1207	westmoreland	USPAT; JPO; DERWENT	2002/05/08 14:56
-	477	(nickel or ni) and (iridium or ir) and (cobalt or co) and (palladium or pd) and (platinum or pt) and capacitor	USPAT; EPO; JPO; DERWENT	2002/05/15
_	111	(nickel or ni) and (iridium or ir) and (cobalt or co) and (palladium or pd) and (platinum or pt) and capacitor) and 438/\$3.ccls. and @ad<20010816	USPAT; EPO; JPO; DERWENT	2002/05/15 10:21
_	259	(nickel or ni) same (iridium or ir) same (cobalt or co) same (palladium or pd)	USPAT; EPO; JPO;	2002/05/15
-	75	same (platinum or pt) and capacitor ((nickel or ni) same (iridium or ir) same (cobalt or co) same (palladium or pd) same (platinum or pt) and capacitor) and	DERWENT USPAT; EPO; JPO; DERWENT	2002/05/15 13:04
-	84	438/\$3.ccls. and @ad<20010816 (nickel or ni) same (iridium or ir) same (cobalt or co) same (palladium or pd)	USPAT; EPO; JPO;	2002/05/15
		same (platinum or pt) same electrode and capacitor	DERWENT	

-	32	((nickel or ni) same (iridium or ir) same	USPAT;	2002/05/15
1		(cobalt or co) same (palladium or pd)	EPO; JPO;	13:05
		same (platinum or pt) same electrode and	DERWENT	
1		capacitor) and 438/\$3.ccls. and		
		@ad<20010816		
-	14	"6074945"	USPAT;	2002/10/07
			EPO; JPO;	18:02
			DERWENT	
_	12	("5130172" "5314727" "5352488"	USPAT	2002/10/07
		"5372849" "5392189" "5510651"		16:23
		"5520992" "5555486" "5561307"		
		"5566045" "5581436" "5763633").PN.		
1_	12	("5130172" "5314727" "5352488"	USPAT	2002/10/07
1		"5372849" "5392189" "5510651"		16:32
		"5520992" "5555486" "5561307"		
		"5566045" "5581436" "5763633").PN.		
_	11	6074945.URPN.	USPAT	2002/10/07
1				17:33
_	142	(reducing with atmosphere) and ((metal or	USPAT;	2002/10/07
	112	metallo) with organic with precursor)	EPO; JPO;	18:03
		modulio, with organico with productor,	DERWENT	• • •
_	88	((reducing with atmosphere) and ((metal	USPAT;	2002/10/07
		or metallo) with organic with precursor))	EPO; JPO;	18:35
		and (rhodium or iridium or cobalt or	DERWENT	
		palladium or nickel)	THIM THE	
_	88	(((reducing with atmosphere) and ((metal	USPAT;	2002/10/08
	""	or metallo) with organic with precursor))	EPO; JPO;	13:16
		and (rhodium or iridium or cobalt or	DERWENT	13.10
		palladium or nickel)) not (micron adj	DEVMENT	
		technology).asn.		
	20	((reducing with atmosphere) and ((metal	USPAT;	2002/10/07
-	20			18:35
!		or metallo) with organic with precursor))	EPO; JPO;	10:33
	204	and iridium	DERWENT	2002/10/08
-	204	(metal with precursor\$1) and (reducing	USPAT;	13:19
		with atmosphere) and (ti or tan or ta or	EPO; JPO;	12:19
	100	wn or w) and barrier	DERWENT	2002/10/08
-	129	((metal with precursor\$1) and (reducing	USPAT;	
		with atmosphere) and (ti or tan or ta or	EPO; JPO;	13:20
		wn or w) and barrier) and (rhodium or	DERWENT	
	7.0	iridium or palladium or cobalt)	HCDAM.	2002/10/08
-	76	(((metal with precursor\$1) and (reducing	USPAT;	13:21
		with atmosphere) and (ti or tan or ta or	EPO; JPO;	13:21
	l	wn or w) and barrier) and (rhodium or	DERWENT	
		iridium or palladium or cobalt)) and		l l
	1	(hydrogen or "h.sub.2")	IICDAM:	2002/10/08
-	75	((((metal with precursor\$1) and (reducing		2002/10/08
	İ	with atmosphere) and (ti or tan or ta or	EPO; JPO;	13:22
		wn or w) and barrier) and (rhodium or	DERWENT	
	1	iridium or palladium or cobalt)) and		
		(hydrogen or "h.sub.2")) and @ad<20010816		/10 /00
-	4	(((((metal with precursor\$1) and	USPAT;	2002/10/08
		(reducing with atmosphere) and (ti or tan	EPO; JPO;	13:22
		or ta or wn or w) and barrier) and	DERWENT	l i
		(rhodium or iridium or palladium or	Ì	
		cobalt)) and (hydrogen or "h.sub.2")) and		ļ l
		@ad<20010816) and (metallo adj organic)	1	
-	7	reducing same (tdeat or tdmat) same metal	USPAT;	2002/10/08
			EPO; JPO;	14:01
			DERWENT	
-	23740	((rhodium or rh) or (iridium or ir) or	USPAT;	2002/10/31
	1	(cobalt or co) or (palladium or pd) or	EPO; JPO;	11:17
		(nickel or ni)) same (reduc\$3 with (gas	DERWENT	
		or atmosphere))		
-	0	(((rhodium or rh) or (iridium or ir) or	USPAT;	2002/10/31
		(cobalt or co) or (palladium or pd) or	EPO; JPO;	11:18
		(nickel or ni)) same (reduc\$3 with (gas	DERWENT	
		or atmosphere))) and ("h.sub.2" or		
		hydrogen) and metallo?lorganic		<u> </u>

_	11630	(((rhodium or rh) or (iridium or ir) or	USPAT;	2002/10/31
		(cobalt or co) or (palladium or pd) or	EPO; JPO;	11:22
		(nickel or ni)) same (reduc\$3 with (gas	DERWENT	
		or atmosphere))) and ("h.sub.2" or hydrogen)		
l _	2002178	Nydrogen; ((titanium adj nitride) or titanium) or	USPAT;	2002/11/01
	2002170	((tungsten adj nitride) or w) or	EPO; JPO;	13:34
		((tantalum adj nitride) or ta)	DERWENT	13.54
_	5644	((((rhodium or rh) or (iridium or ir) or	USPAT;	2002/10/31
		(cobalt or co) or (palladium or pd) or	EPO; JPO;	11:22
		(nickel or ni)) same (reduc\$3 with (gas	DERWENT	
		or atmosphere))) and ("h.sub.2" or		
		hydrogen)) and (((titanium adj nitride)		
		or titanium) or ((tungsten adj nitride)		
		or w) or ((tantalum adj nitride) or ta))		
-	7451	(((rhodium or rh) or (iridium or ir) or	USPAT;	2002/10/31
		(cobalt or co) or (palladium or pd) or	EPO; JPO;	11:26
		(nickel or ni)) same (reduc\$3 with (gas	DERWENT	ļ
		or atmosphere))) same ("h.sub.2" or		İ
	2502	hydrogen)	11055.	2002/10/21
_	3503		USPAT;	2002/10/31
		((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)) and	EPO; JPO; DERWENT	11:22
		((((rhodium or rh) or (iridium or ir) or	THIN THAT IN I	
		((((Inodium of In) of (Indium of In) of ((((Cobalt or co) or (palladium or pd) or	1	
		(nickel or ni)) same (reduc\$3 with (gas		
		or atmosphere))) same ("h.sub.2" or		
		hydrogen))		
_	449	(((titanium adj nitride) or titanium) or	USPAT;	2002/10/31
		((tungsten adj nitride) or w) or	EPO; JPO;	11:23
		((tantalum adj nitride) or ta)) same	DERWENT	
i .		((((rhodium or rh) or (iridium or ir) or		
Ì		(cobalt or co) or (palladium or pd) or		
		(nickel or ni)) same (reduc\$3 with (gas		
	1	or atmosphere))) same ("h.sub.2" or]
	271	hydrogen)) ((((titanium adj nitride) or titanium) or	USPAT;	2002/10/31
_	2/1	((tungsten adj nitride) or w) or	EPO; JPO;	11:24
		((tantalum adj nitride) or ta)) same	DERWENT	11.21
		((((rhodium or rh) or (iridium or ir) or		
		(cobalt or co) or (palladium or pd) or		
		(nickel or ni)) same (reduc\$3 with (gas		
		or atmosphere))) same ("h.sub.2" or		
		hydrogen))) not (platinum or pt)		
-	5		USPAT;	2002/10/31
		or ((tungsten adj nitride) or w) or	EPO; JPO;	11:24
		((tantalum adj nitride) or ta)) same	DERWENT	
		((((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or	}	1
		(nickel or ni)) same (reduc\$3 with (gas		
		or atmosphere))) same ("h.sub.2" or		
		hydrogen))) not (platinum or pt)) and		
		438/\$3.ccls.		
-	821	(((rhodium or rh) or (iridium or ir) or	USPAT;	2002/10/31
		(cobalt or co) or (palladium or pd) or	EPO; JPO;	11:27
		(nickel or ni)) same (reduc\$3 with (gas	DERWENT	
		or atmosphere))) same ("h.sub.2" or	1	
		hydrogen) same (deposit\$3 or releas\$3)		0000/55/55
-	98		USPAT;	2002/10/31
		((tungsten adj nitride) or w) or	EPO; JPO;	13:51
		((tantalum adj nitride) or ta)) same	DERWENT	
		((((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or		
		(nickel or ni)) same (reduc\$3 with (gas		
		or atmosphere))) same ("h.sub.2" or		
		hydrogen) same (deposit\$3 or releas\$3))		
-	11	("3830657" "5084413" "5087296"	USPAT	2002/10/31
		"5094697" "5112773" "5177569"		11:56
	1	"5198389" "5254481" "5445982"		
		"5554566" "5705845").PN.		

Compared to the content of the con					
"5198389" "5254481" "5445982"	-	0			
"5554566" "5705845"].PN.) and ((((rhodium or rh) or ((ridium or rh) or hydrogen) same (deposit3) or releas33) USPAT; "5084657" "5084413" "508726" EPO, JPO, HORNOM (((titanium ad) nitride) or titanium) or ((titungium ad) nitride) or titanium) or ((titungium ad) nitride) or ((ridium or rh) or ((ridium or rh) or (cobalt or co) or (palladium or pd) or ((rickel or ni)) same (reduc\$3 with (gas or atmosphere)) "554666" "50706845", "5191510" USPAT; 2002/10/31 USP					11:57
((((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere)) same ("h. sub.2" or hydrogen) same (deposit\$3 or releas\$31) - "8304659" "5304431" "5087298" "5097298" "5094699" "5094298" "5097298" "5007298"				DERWENT	
(cobalt or co) or (palladium or pd) or (nickel or ni) same (reduc3) with (gas or atmosphere))) same ("h.sub.2" or hydrogen) same (deposit3 or releass3)) 7 (("3830657" "5084413" "5087296" EPO; JPO: 11:58 Its "5094697" "5112773" "5177569" EPO; JPO: 11:58 Its "5198389" "5284481" "5445892" EPO; JPO: 11:58 Its "6004697" "5105845" N.) and ((titanium add) nitride) or with or (cobalt or or or or (cobalt or or) or (cobalt or or) or (cobalt or or) or (cobalt or or) or (cobalt or or) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere)))					
(nickel or ni) same (reduc\$3 with (gas or atmosphere)) same (hebels or hydrogen) same (deposit\$3 or releas\$3)) USPAT; 2002/10/31 7 (["3810557" "5084437" "544582" "544582" "544582" "544582" "544582" "5554566" "57058457", P.N.) and ((titanium adj nitride) or titanium) or ((tungsten adj nitride) or titanium) or ((tungsten adj nitride) or titanium) or ((tungsten adj nitride) or titanium) or ((tungsten adj nitride) or titanium) or ((tungsten adj nitride) or titanium) or ((cobalt or co) or (palladium or pd) or (nickel or ni) same (reduc\$3 with (gas or atmosphere))) 2 5668040.pn.					
- variosphere)) same ("h.sub.2" or hydrogen) same (deposity3 or releass3)) 7 (("3830657" "5084413" "5087296" EPO; JPO; "5198389" "5254481" "545982" EPO; JPO; "5198389" "5254481" "5445982" USPAT; "5554566" "5705845").PN.) and (((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)) - ("3830657" "508443" "5087296" USPAT; "5094697" "5102773" "5175769" USPAT; "5094697" "512773" "5175769" USPAT; "5094697" "512773" "5175769" EPO; JPO; "51983898" "5254481" "5445982" USPAT; "505845" EPO; JPO; "51983898" "5254481" "5445982" USPAT; "505845" EPO; JPO; "51983898" "5254481" "5445982" USPAT; "505845" EPO; JPO; "515893981" "5254491" "5445982" USPAT; "506940.PM.					
hydrogen same (deposits3 or releass3) 7 (("330657" "508443" "508726" EPG; JPG; Sepsion Sepsion					
Total Content Total Conten					
"5094697" "512773" "5177569" RPO, JPO; DERWENT "5554566" "5054645").PN.) and (((titanium adj nitride) or tal) (("3830657" "5084413" "5087296" USPAT; 2002/10/31 "5094697" "51987399" "5198749" USPAT; 2002/10/31 "5554566" "5705845").PN.) and (((thodium or rh) or (iridium or ri) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) 5668040.pn. USPAT; 2002/10/31 "5262920" "5293510" "53932623" "539229" "539219" "5392199"		_			/ /
"5198389" "5254461" "5445982" DERWENT ((titanium adj nitride) or titanium) or ((tungsten adj nitride) or tota)) ((37830657") "5094697" "5112773" "5177569" DERWENT ((17630067") "5254461" "5445982" DERWENT ((17630067") "5124773" "5177569" DERWENT ((17630067") "5254461" "5445982" DERWENT ((17630067") "5254461" "5445982" DERWENT ((17630067") "512773" "5177569" DERWENT ((17630067") "512773" "5177569" DERWENT ((17630067") DERWENT ((-	7		,	, ,
"5554566" "5705845").PN.) and (((titanalum adj nitride) or titanium) or ((tungsten adj nitride) or tw) or ((tungsten adj nitride) or tw) or ((tantalum adj nitride) or tw) or ((tantalum adj nitride) or tw) or ((tantalum adj nitride) or tw) "504697" "5107839" "5107859" "5198389" "5254461" "5445982" PPO, JPO, JPO, JPO, IDENWENT "5554566" "5705845", PN.) and (((thodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) - 2 5668040.pn. 11 ("4959745" "5053917" "5191510" PPO, JPO, JPO, JPO, JPO, JPO, JPO, JPO,					11:58
(((titanium adj nitride) or titanium) or ((tungsten adj nitride) or tal)) (("a330657" "503443" "5087296" EPO, JPO; "5198389" "5254481" "5465829" EPO, JPO; "51076529" EPO, JPO; "510770; "5				DERWENT	
((tunqsten adj nitride) or tw) or ((tantalum ad) nitride) or ta)) - 0 (("3830657" "5084413" "5087296" "5094697" "5197389" "5197389" "51984813" "5087296" "5094697" "5198389" "5254481" "5445982" "505465" "5705845").PN.) and (((fchodium or rh) or (iridium or rh) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) - 2 5668040.pn.					
((tanalum adj nitride) or ta)) 0 (("3300657" "5094697" "5112773" "5177569" "5094697" "5112773" "5177569" "5198389" "5254481" "546982" "5554566" "5705845"), PN.) and (((thodium or th) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) 2 5668040,pn. 11 ("4959745" "5053917" "5191510" "5262920" "5381300" "5352623" "5366320" "5381302" "5352623" "5392189" "5466629"), PN. 2 2 5856236,pn. 11 ("h.sub.2" or hydrogen) same (metallo near2 organic) same (((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tungsten adj nitride) or w) or ((tungsten adj nitride) or tor w) or ((tungsten adj nitride) or tor w) or ((tungsten adj nitride) or tor w) or ((tungsten adj nitride) or tan) 2 2 5856236,pn. 2 2 5856236,pn. 2 2 5856236,pn. 3387 @ad<2010816 and ((((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal2 or ganic)) and (refractory or ti or th or wor w or tan or ta)) and (ruthenium or rhodium or inckel)) 9 (@ad<2010816 and ((((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal2) and or palladium or nickel)) 9 (@ad<2010816 and ((((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal2) and (rottenium or rhodium or inckel)) 9 (@ad<2010816 or tor th or w or w or w or tan or ta)) and (rottenium or rhodium or inckel) or tin or wn or w or tan or tan or to the or wn or w or tan or tan) and (rottenium or rhodium or iridium or cobalt or metallo-organic)) and (refractory or ti or tin or wn or w or wor tan or tan) and (rottenium or rhodium or iridium or cobalt or palladium or iridium or iridium or cobalt or palladium or irid					
Comparison "5084413" "5087296"					
"5094697" "5112773" "5177569" "5193898" "5254481" "5445982" DERWENT "5193898" "5554566" "5705845").PN.) and (((froduim or rh) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) - 2 5668040.pn.		_			/
"5198389" "5254481" "544592" "5554366" "5705845"),PN.) and ((((rhodium or rh) or (iridium or ir) or (cobalt or co) or (paladium or pd) or (nickel or ni)) same (reduc33 with (gas or atmosphere))) 2 5668040,pn. 11 ("4959745" "5053917" "5191510" "5262920" "5293510" "5382623" "5366920" "5381302" "5382623" "5392189" "5466629"),PN. 2 5856236,pn. 11 ("h.sub.2" or hydrogen) same (metallo near2 organic) same (((titanium adj nitride) or tal)) (ri or rh or pd or ni or co) same (metallo or tal) (ri or rh or pd or ni or co) same ((tungsten adj nitride) or titanium) or ((tungsten adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tungsten adj nitride) or w) or ((tungsten adj nitride) or w) or ((tungsten adj nitride) or titanium) or (tungsten adj nitride) or titanium or or (tungsten adj nitride) or titanium or or (tungsten adj nitride) or titanium or or (tungsten adj nitride) or titanium or or (tungsten adj nitride) or titanium or or mor w or or or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal52 adj organic) or organometallic or metallo-organic) and (refractory or ti or tin or wn or w or tan or tal) and (ruthenium or rhodium or nickel) 9 (@ad<20010816 and ((((reduc\$3 or ammonia or "hh.sub.3" or hydrogen or "h.sub.2") same ((metal52 adj organic) or organic) or organometallic or metallo-organic) and (refractory or ti or tin or wn or w or tan or tal) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel) 9 (@ad<20010816 and ((((reduc\$3 or ammonia or "h.sub.2") same ((metal52 adj organic) or organic) and (refractory or ti or tin or wn or w	-	0			
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(nickel or ni) same (reduc\$3 with (gas or atmosphere))					
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"5262920" "5293510" "5352623"					
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	3	iridium or cobalt or palladium or nickel))	HCDDW.	2003/08/01
	3	(@ad<20010816 and ((((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same (refractory or ti or tin or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or	USPAT; US-PGPUB; EPO; JPO; DERWENT	17:31
-	31	nickel))) and electrode and capacitor (@ad<20010816 and ((((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 17:34
		(refractory or ti or tin or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or nickel))) and electrode		
-	90	<pre>@ad<20010816 and ((((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same (refractory or ti or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or nickel))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 17:45
-	17		USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 17:34
_	257	((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 17:46
-	218	(((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) and @ad<20010816	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 17:48
_	47	<pre>(((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) same (refractory or ti or wn or w or tan or</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 18:37
-	42	ta)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 17:48
		ta)) and @ad<20010816		

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_	26	(((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) same ((tantalum tungsten titanium) adj	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/04
-	24	nitride) ((((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) same ((tantalum tungsten titanium) adj	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/04 11:13
_	2	nitride)) and @ad<20010816 6617248.pn.	USPAT; EPO; JPO; DERWENT	2004/03/11 14:40
-	4391	reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) and (reduc\$3 with ammonia or "nh.sub.3" or hydrogen or "h.sub.2")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/11 15:05
-	1363	reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (reduc\$3 with ammonia or "nh.sub.3" or hydrogen or "h.sub.2")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/11 15:08
-	421	<pre>(reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (reduc\$3 with ammonia or "nh.sub.3" or hydrogen or "h.sub.2")) not (titanium or platinum or</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/11 15:06
-	393	pt or ti) ((reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (reduc\$3 with ammonia or "nh.sub.3" or hydrogen or "h.sub.2")) not (titanium or platinum or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/11 15:07
-	43	pt or ti)) and (@ad<20010816 or @rlad<20010816) (((reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (reduc\$3 with ammonia or "nh.sub.3" or hydrogen or "h.sub.2")) not (titanium or platinum or pt or ti)) and (@ad<20010816 or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/06 15:16
	2	@rlad<20010816)) and 438/\$3.ccls. 6143191.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/11 15:35
_	2	6294425.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/11 15:35
_	2	6197628.pn.	USPAT; US-PGPUB; EPO; JPO;	2004/07/06 14:02
_	2986	(reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic))) and (tungsten or (tungsten adj nitride) or w or wn) and	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/06 15:18
	246	(@ad<20010816 or @rlad<20010816) (reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (tungsten or (tungsten adj nitride) or w or wn)) and (@ad<20010816 or @rlad<20010816)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/06 16:31

_	26	((reduc\$3 same ((metal\$2 adj organic) or	USPAT;	2004/07/06
		organometallic or "metallo-organic" or	US-PGPUB;	16:38
		(organo adj metallic)) same (tungsten or	EPO; JPO;	
		(tungsten adj nitride) or w or wn)) and	DERWENT	
		(@ad<20010816 or @rlad<20010816)) and		
		438/\$3.ccls.		
-	4199	((metal\$2 adj organic) or organometallic	USPAT;	2004/07/06
		or "metallo-organic" or (organo adj	US-PGPUB;	16:34
		metallic)) and (tungsten or (tungsten adj	EPO; JPO;	
		nitride) or w or wn) and (reduc\$3 with	DERWENT	
		(hydrogen or "h.sub.2" or ammonia or		
		"nh.sub.3")) and (@ad<20010816 or		İ
		@rlad<20010816)		*
	197	(((metal\$2 adj organic) or organometallic	USPAT;	2004/07/06
		or "metallo-organic" or (organo adj	US-PGPUB;	16:51
		metallic)) with (reduc\$3 with (hydrogen	EPO; JPO;	
		or "h.sub.2" or ammonia or "nh.sub.3")))	DERWENT	
		and (tungsten or (tungsten adj nitride)		
		or w or wn) and (@ad<20010816 or		
		@rlad<20010816)		
	15		USPAT;	2004/07/06
		organometallic or "metallo-organic" or	US-PGPUB;	16:38
		(organo adj metallic)) with (reduc\$3 with	EPO; JPO;	
		(hydrogen or "h.sub.2" or ammonia or	DERWENT	
		"nh.sub.3"))) and (tungsten or (tungsten		
		adj nitride) or w or wn) and		
		(@ad<20010816 or @rlad<20010816)) and		
		438/\$3.ccls.		
	43		USPAT;	2004/07/06
		or "metallo-organic" or (organo adj	US-PGPUB;	17:41
		metallic)) same (reduc\$3 with (hydrogen	EPO; JPO;	= 1 1 3 5
		or "h.sub.2" or ammonia or "nh.sub.3"))	DERWENT	
		same tungsten) and (@ad<20010816 or		
		@rlad<20010816)		[
•	26	· · · · · · · · · · · · · · · · · · ·	USPAT;	2004/07/06
		or "metallo-organic" or (organo adj	US-PGPUB;	17:41
		metallic)) same (reduc\$3 with (hydrogen	EPO; JPO;	
		or "h.sub.2" or ammonia or "nh.sub.3"))	DERWENT	
		same barrier) and (@ad<20010816 or	221,111	
		Grlad<20010816)		
	1	GLIAG(ZUUIU0ID)	I	